

## AMENDMENT TO THE CLAIMS

Applicants selectively amend the claims as follows:

### Listing of Claims:

1 1. (Currently Amended) A modular server system, comprising:

2                   a midplane having a system management bus and a plurality of blade interfaces,  
3 ~~interfaces on the midplane, wherein~~ the blade interfaces ~~are~~ in electrical communication  
4 with each other;

5                   a server blade ~~removeably connectable to~~ inserted into one of the plurality of  
6 blade interfaces on the midplane, the server blade having a server blade system  
7 management bus in electrical communication with the system management bus of the  
8 midplane, and a network interface to connect to a network; and

9                   a plurality of switch blades to perform network switching, wherein the plurality of  
10 ~~switch blades removeably and simultaneously connectable to~~ are inserted into one of the  
11 plurality of blade interfaces on the midplane ~~the switch blades being adapted to perform~~  
12 ~~network switching.~~

1 2. (Currently Amended) The modular server system according to claim 1, further including a  
2 power supply module ~~removeably connectable~~ coupled to the midplane to provide power  
3 to the modular server system.

1 3. (Currently Amended) The modular server system according to claim 1, further including a  
2 cooling fan module coupled to the modular server system to cool the modular server  
3 system.

1 4. (Currently Amended) The modular server system according to claim 1, further including a  
2 media blade ~~removeably connectable to~~ inserted into one of the plurality of blade  
3 interfaces on the midplane, the media blade having at least one media device.

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1 5. (Currently Amended) The modular server system according to claim 1, wherein the  
2 midplane is to operate in compliance with the a CompactPCI technical standard, form  
3 factor.

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1 6. (Currently Amended) The modular server system according to claim + 4, wherein the  
2 ~~storage medium~~ at least one media device is includes a hard disk drive.

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1 7. (Currently Amended) The modular server system according to claim 1, further including a  
2 chassis to house the midplane, the server blade, and the plurality of switch blades, and the  
3 ~~media blade.~~

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1 8. (Currently Amended) The modular server system according to claim 1, wherein the server  
2 blade and the plurality of switch blades and the media blade are ~~adapted to be~~ hot  
3 swapped swappable.

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1 9. (Currently Amended) The modular server system according to claim + 4, wherein the server  
2 blade and the media blade in combination form an individual server system.

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1 10. (Currently Amended) The modular server system according to claim 1, wherein the network  
2 interface to connect to the network includes is an Ethernet connector jack  
3 accessible through a faceplate of the server blade.

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1 11. (Currently Amended) The modular server system according to claim + 4, wherein the at  
2 least one media device is selected from the group consisting of a storage medium device,  
3 a graphics processing device, an audio processing device, and a streaming media  
4 processing device.

1 12. (Currently Amended) A modular server system, comprising:

2 a midplane having a system management bus, a first side, a second side, and a  
3 plurality of blade interfaces on the first side and the second side, ~~wherein~~ the blade  
4 interfaces on the first side ~~are~~ in electrical communication with the blade interfaces on the  
5 second side;

6 a plurality of server blades ~~each removeably connectable to, each server blade~~  
7 inserted into one of the plurality of blade interfaces on the first side of the midplane, the  
8 server blades each having a server blade system management bus in electrical  
9 communication with the system management bus of the midplane, and a network  
10 interface to connect to a network; and

11 a plurality of switch blades to perform network switching between any number of  
12 the server blades and between an external network, wherein at least two switch blades  
13 ~~removeably and simultaneously connectable to~~ are inserted into one of the plurality of  
14 blade interfaces on the midplane, ~~midplane, the switch blades being adapted to perform~~  
15 ~~network switching between any number of the server blades installed in the system, and~~  
16 ~~between any of the server blades and an external network;~~

17 ~~a power supply module removeably connectable to the midplane to provide power~~  
18 ~~to the modular server system;~~

19 ~~a cooling fan module coupled to the modular server system to cool the modular~~  
20 ~~server system; and~~

21 ~~a chassis to house the midplane, the server blades, the media blades, the power~~  
22 ~~supply module, and the cooling fan module.~~

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1 13. (Currently Amended) The modular server system according to claim 12, further including a  
2 plurality of media blades ~~each removeably connectable to, each media blade inserted into~~  
3 one of the plurality of blade interfaces on the second side of the midplane, the media  
4 blades each having at least one storage medium device.

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1 14. (Currently Amended) The modular server system according to claim 12, wherein the  
2 midplane is to operate in compliance with the a CompactPCI technical standard, form  
3 factor.

1 15. (Currently Amended) The modular server system according to claim 12 13, wherein the at  
2 least one storage medium device is includes a hard disk drive.

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1 16. (Currently Amended) The modular server system according to claim 12, wherein the server  
2 blades and the switch blades and the media blades are adapted to be hot swapped  
3 swappable.

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1 17. (Currently Amended) The modular server system according to claim 12 13, wherein at least  
2 one of the server blades and at least one of the media blades in combination form an  
3 individual server system.

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1 18. (Currently Amended) The modular server system according to claim 12, wherein the  
2 network interface to connect to the network includes is an Ethernet connector jack  
3 accessible through a faceplate of each server blade.

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1 19. (Currently Amended) A modular server system, comprising:

2 a midplane having a system management bus, a first side, a second side, and a  
3 plurality of blade interfaces on the first side and the second side, wherein the blade  
4 interfaces on the first side are in electrical communication with the blade interfaces on the  
5 second side;

6 a server blade removeably connectable to inserted into one of the plurality of  
7 blade interfaces on the first side of the midplane, the server blade having a server blade  
8 system management bus in electrical communication with the system management bus of  
9 the midplane, and a network interface to connect to a network;

10 a media blade removeably connectable to inserted into one of the plurality of  
11 blade interfaces on the second side of the midplane, the media blade having at least one  
12 storage medium device;

13 a second server blade removeably connectable to inserted into one of the plurality  
14 of blade interfaces on the first side of the midplane, the second server blade having a  
15 second server blade system management bus in electrical communication with the system

16 management bus of the midplane, and a second network interface to connect to the  
17 network

18 a second media blade ~~removeably connectable to~~ inserted into one of the plurality  
19 of blade interfaces on the second side of the midplane, the second media blade having at  
20 least one ~~second~~ storage medium device;

21 at least two switch blades to perform network switching between the first and  
22 second server blades, any other server blade inserted into one of the plurality of blade  
23 interfaces on the first side of the midplane, and an external network, the at least two  
24 switch blades, both removeably and simultaneously connectable to inserted into one  
25 blade interface on the midplane and adapted to perform network switching between any  
26 number of the server blades installed in the system, and between any of the server blades  
27 and an external network;

28 a power supply module ~~removeably connectable~~ coupled to the midplane to  
29 provide power to the modular server system;

30 a cooling fan module coupled to the modular server system to cool the modular  
31 server system; and

32 a chassis to house the midplane, the server blade, the media blade, the second  
33 server blade, the second media blade, the switch blades, the power supply module, and  
34 the cooling fan module, ~~wherein~~ the server blade, the media blade, the second server  
35 blade, the second media blade and the switch blades to share power from the power  
36 supply module and to share cooling from the cooling fan module.

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1 20. (Currently Amended) The modular server system according to claim 19, wherein the  
2 midplane is to operate in compliance with the a CompactPCI technical standard, form  
3 factor.

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1 21. (Currently Amended) The modular server system according to claim 19, wherein the first  
2 media blade and the second media blade having a storage medium device comprises the  
3 storage medium device and the second storage medium device are including a hard disk  
4 drive. drives.

1 22. (Currently Amended) The modular server system according to claim 19, wherein the server  
2 blade, the media blade, the second server blade, and the second media blade, and the  
3 switch blades are adapted to be hot swapped swappable.

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1 23. (Currently Amended) The modular server system according to claim 19, wherein the server  
2 blade and the media blade in combination form an individual server system.

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1 24. (Currently Amended) The modular server system according to claim 19, wherein the second  
2 server blade and the second media blade in combination form an individual server  
3 system.

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1 25. (Currently Amended) The modular server system according to claim 19, wherein the server  
2 blade, the second server blade, and the media blade in combination form two individual  
3 server systems.

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1 26. (Currently Amended) The modular server system according to claim 19, wherein the server  
2 blade, the media blade, and the second media blade in combination form an individual  
3 server system.

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1 27. (Currently Amended) The modular server system according to claim 19, wherein the  
2 network interface and the second network interface to connect to the network each  
3 include are an Ethernet connector jacks accessible through a faceplate of the server blade  
4 and the second server blade, respectively.